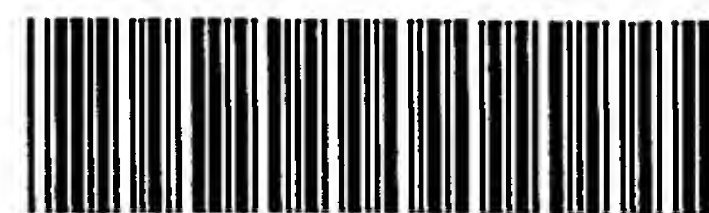


## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/582,951  
Source: IFWP  
Date Processed by STIC: 6/26/06

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IFWP

## RAW SEQUENCE LISTING

DATE: 06/26/2006

PATENT APPLICATION: US/10/582,951

TIME: 13:44:29

Input Set : E:\seqlist.txt

Output Set: N:\CRF4\06262006\J582951.raw

3 <110> APPLICANT: VARGHESE, JOSEPH NOOZHUMUTRY  
 4 HUDSON, PETER JOHN  
 5 POWER, BARBARA ELAINE  
 7 <120> TITLE OF INVENTION: Cytokine binding domains  
 9 <130> FILE REFERENCE: RICE-048  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/582,951  
 C--> 11 <141> CURRENT FILING DATE: 2006-06-15  
 11 <150> PRIOR APPLICATION NUMBER: PCT/AU2004/001762  
 12 <151> PRIOR FILING DATE: 2004-12-16  
 14 <160> NUMBER OF SEQ ID NOS: 88  
 16 <170> SOFTWARE: PatentIn version 3.3  
 18 <210> SEQ ID NO: 1  
 19 <211> LENGTH: 209  
 20 <212> TYPE: PRT  
 21 <213> ORGANISM: Mus musculus  
 23 <400> SEQUENCE: 1  
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 26 1 5 10 15  
 29 Thr Asn Ser Leu Val Cys Gln Trp Glu Pro Gly Pro Glu Thr His Leu  
 30 20 25 30  
 33 Pro Thr Ser Phe Ile Leu Lys Ser Phe Arg Ser Arg Ala Asp Cys Gln  
 34 35 40 45  
 37 Tyr Gln Gly Asp Thr Ile Pro Asp Cys Val Ala Lys Lys Arg Gln Asn  
 38 50 55 60  
 41 Asn Cys Ser Ile Pro Arg Lys Asn Leu Leu Leu Tyr Gln Tyr Met Ala  
 42 65 70 75 80  
 45 Ile Trp Val Gln Ala Glu Asn Met Leu Gly Ser Ser Glu Ser Pro Lys  
 46 85 90 95  
 49 Leu Cys Leu Asp Pro Met Asp Val Val Lys Leu Glu Pro Pro Met Leu  
 50 100 105 110  
 53 Gln Ala Leu Asp Ile Gly Pro Asp Val Val Gly Cys Leu Trp Leu Ser  
 54 115 120 125  
 57 Trp Lys Pro Trp Lys Pro Ser Glu Tyr Met Glu Gln Glu Cys Glu Leu  
 58 130 135 140  
 61 Arg Tyr Gln Pro Gln Leu Lys Gly Ala Asn Trp Thr Leu Val Phe His  
 62 145 150 155 160  
 65 Leu Pro Ser Ser Lys Asp Gln Phe Glu Leu Cys Gly Leu His Gln Ala  
 66 165 170 175  
 69 Pro Val Tyr Thr Leu Gln Met Arg Cys Ile Arg Ser Ser Leu Pro Gly  
 70 180 185 190  
 73 Phe Trp Ser Pro Trp Ser Pro Gly Leu Gln Leu Arg Pro Thr Met Lys  
 74 195 200 205  
 77 Ala

## RAW SEQUENCE LISTING

DATE: 06/26/2006

PATENT APPLICATION: US/10/582,951

TIME: 13:44:29

Input Set : E:\seqlist.txt

Output Set: N:\CRF4\06262006\J582951.raw

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81 <210> SEQ ID NO: 2
82 <211> LENGTH: 210
83 <212> TYPE: PRT
84 <213> ORGANISM: Homo sapiens
86 <400> SEQUENCE: 2
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89 1          5          10          15
92 Thr Ser Ser Leu Ile Cys Gln Trp Glu Pro Gly Pro Glu Thr His Leu
93          20          25          30
96 Pro Thr Ser Phe Thr Leu Lys Ser Phe Lys Ser Arg Gly Asn Cys Gln
97          35          40          45
100 Thr Gln Gly Asp Ser Ile Leu Asp Cys Val Pro Lys Asp Gly Gln Ser
101          50          55          60
104 His Cys Cys Ile Pro Arg Lys His Leu Leu Leu Tyr Gln Asn Met Gly
105 65          70          75          80
108 Ile Trp Val Gln Ala Glu Asn Ala Leu Gly Thr Ser Met Ser Pro Gln
109          85          90          95
112 Leu Cys Leu Asp Pro Met Asp Val Val Lys Leu Glu Pro Pro Met Leu
114          100          105          110
117 Arg Thr Met Asp Pro Ser Pro Glu Ala Ala Pro Gly Cys Leu Gln Leu
118          115          120          125
121 Cys Trp Glu Pro Trp Gln Pro Gly Leu His Ile Asn Gln Lys Cys Glu
122          130          135          140
125 Leu Arg His Lys Pro Gln Arg Gly Glu Ala Ser Trp Ala Leu Val Gly
126 145          150          155          160
129 Pro Leu Pro Leu Glu Ala Leu Gln Tyr Glu Leu Cys Gly Leu Leu Pro
130          165          170          175
133 Ala Thr Ala Tyr Thr Leu Gln Ile Arg Cys Ile Arg Trp Pro Leu Pro
134          180          185          190
137 Gly His Trp Ser Asp Trp Ser Pro Ser Leu Glu Leu Arg Thr Thr Glu
138          195          200          205
141 Arg Ala
142          210
145 <210> SEQ ID NO: 3
146 <211> LENGTH: 215
147 <212> TYPE: PRT
148 <213> ORGANISM: Homo sapiens
150 <400> SEQUENCE: 3
152 Glu Thr Ile Pro Leu Gln Thr Leu Arg Cys Tyr Asn Asp Tyr Thr Ser
153 1          5          10          15
156 His Ile Thr Cys Arg Trp Ala Asp Thr Gln Asp Ala Gln Arg Leu Val
157          20          25          30
160 Asn Val Thr Leu Ile Arg Arg Val Asn Glu Asp Leu Leu Glu Pro Val
161          35          40          45
164 Ser Cys Asp Leu Ser Asp Asp Met Pro Trp Ser Ala Cys Pro His Pro
165          50          55          60
168 Arg Cys Val Pro Arg Arg Cys Val Ile Pro Cys Gln Ser Phe Val Val
169 65          70          75          80
172 Thr Asp Val Asp Tyr Phe Ser Phe Gln Pro Asp Arg Pro Leu Gly Thr

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## RAW SEQUENCE LISTING

DATE: 06/26/2006

PATENT APPLICATION: US/10/582,951

TIME: 13:44:29

Input Set : E:\seqlist.txt

Output Set: N:\CRF4\06262006\J582951.raw

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173          85          90          95
176 Arg Leu Thr Val Thr Leu Thr Gln His Val Gln Pro Pro Glu Pro Arg
177          100          105          110
180 Asp Leu Gln Ile Ser Thr Asp Gln Asp His Phe Leu Leu Thr Trp Ser
181          115          120          125
184 Val Ala Leu Gly Ser Pro Gln Ser His Trp Leu Ser Pro Gly Asp Leu
185          130          135          140
188 Glu Phe Glu Val Val Tyr Lys Arg Leu Gln Asp Ser Trp Glu Asp Ala
189 145          150          155          160
192 Ala Ile Leu Leu Ser Asn Thr Ser Gln Ala Thr Leu Gly Pro Glu His
193          165          170          175
196 Leu Met Pro Ser Ser Thr Tyr Val Ala Arg Val Arg Thr Arg Leu Ala
197          180          185          190
200 Pro Gly Ser Arg Leu Ser Gly Arg Pro Ser Lys Trp Ser Pro Glu Val
201          195          200          205
204 Cys Trp Asp Ser Gln Pro Gly
205          210          215
208 <210> SEQ ID NO: 4
209 <211> LENGTH: 214
210 <212> TYPE: PRT
211 <213> ORGANISM: Mus musculus
213 <400> SEQUENCE: 4
215 Glu Thr Val Pro Leu Lys Thr Leu Gln Cys Tyr Asn Asp Tyr Thr Asn
216 1          5          10          15
219 His Ile Ile Cys Ser Trp Ala Asp Thr Glu Asp Ala Gln Gly Leu Ile
220          20          25          30
223 Asn Met Thr Leu Tyr His Gln Leu Glu Lys Lys Gln Pro Val Ser Cys
224          35          40          45
227 Glu Leu Ser Glu Lys Leu Met Trp Ser Glu Cys Pro Ser Ser His Arg
228          50          55          60
231 Cys Val Pro Arg Arg Cys Val Ile Pro Tyr Thr Arg Phe Ser Ile Thr
232 65          70          75          80
235 Asn Glu Asp Tyr Tyr Ser Phe Arg Pro Asp Ser Asp Leu Gly Ile Gln
236          85          90          95
239 Leu Met Val Pro Leu Ala Gln Asn Val Gln Pro Pro Leu Pro Lys Asn
240          100          105          110
243 Val Ser Ile Ser Ser Ser Glu Asp Arg Phe Leu Leu Glu Trp Ser Val
244          115          120          125
247 Ser Leu Gly Asp Ala Gln Val Ser Trp Leu Ser Ser Lys Asp Ile Glu
248          130          135          140
251 Phe Glu Val Ala Tyr Lys Arg Leu Gln Asp Ser Trp Glu Asp Ala Tyr
252 145          150          155          160
255 Ser Leu His Thr Ser Lys Phe Gln Val Asn Phe Glu Pro Lys Leu Phe
256          165          170          175
259 Leu Pro Asn Ser Ile Tyr Ala Pro Arg Val Arg Thr Arg Leu Tyr Pro
260          180          185          190
263 Gly Ser Ser Leu Ser Gly Arg Pro Ser Arg Trp Ser Pro Glu Ala His
264          195          200          205
267 Trp Asp Ser Gln Pro Gly

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## RAW SEQUENCE LISTING

DATE: 06/26/2006

PATENT APPLICATION: US/10/582,951

TIME: 13:44:29

Input Set : E:\seqlist.txt

Output Set: N:\CRF4\06262006\J582951.raw

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268      210
271 <210> SEQ ID NO: 5
272 <211> LENGTH: 215
273 <212> TYPE: PRT
274 <213> ORGANISM: Mus musculus
276 <400> SEQUENCE: 5
278 Glu Thr Val Pro Leu Lys Thr Leu Glu Cys Tyr Asn Asp Tyr Thr Asn
279 1      5      10      15
282 Arg Ile Ile Cys Ser Trp Ala Asp Thr Glu Asp Ala Gln Gly Leu Ile
283      20      25      30
286 Asn Met Thr Leu Leu Tyr His Gln Leu Asp Lys Ile Gln Ser Val Ser
287      35      40      45
290 Cys Glu Leu Ser Glu Lys Leu Met Trp Ser Glu Cys Pro Ser Ser His
291      50      55      60
294 Arg Cys Val Pro Arg Arg Cys Val Ile Pro Tyr Thr Arg Phe Ser Asn
295 65      70      75      80
298 Gly Asp Asn Asp Tyr Tyr Ser Phe Gln Pro Asp Arg Asp Leu Gly Ile
299      85      90      95
302 Gln Leu Met Val Pro Leu Ala Gln His Val Gln Pro Pro Pro Pro Lys
303      100     105     110
306 Asp Ile His Ile Ser Pro Ser Gly Asp His Phe Leu Leu Glu Trp Ser
307      115     120     125
310 Val Ser Leu Gly Asp Ser Gln Val Ser Trp Leu Ser Ser Lys Asp Ile
311      130     135     140
314 Glu Phe Glu Val Ala Tyr Lys Arg Leu Gln Asp Ser Trp Glu Asp Ala
315 145     150     155     160
318 Ser Ser Leu His Thr Ser Asn Phe Gln Val Asn Leu Glu Pro Lys Leu
319      165     170     175
322 Phe Leu Pro Asn Ser Ile Tyr Ala Ala Arg Val Arg Thr Arg Leu Ser
323      180     185     190
326 Ala Gly Ser Ser Leu Ser Gly Arg Pro Ser Arg Trp Ser Pro Glu Val
327      195     200     205
330 His Trp Asp Ser Gln Pro Gly
331      210     215
334 <210> SEQ ID NO: 6
335 <211> LENGTH: 200
336 <212> TYPE: PRT
337 <213> ORGANISM: Homo sapiens
339 <400> SEQUENCE: 6
341 Gly Asp Glu Ala Gln Pro Gln Asn Leu Glu Cys Phe Phe Asp Gly Ala
342 1      5      10      15
345 Ala Val Leu Ser Cys Ser Trp Glu Val Arg Lys Glu Val Ala Ser Ser
346      20      25      30
349 Val Ser Phe Gly Leu Phe Tyr Lys Pro Ser Pro Asp Ala Gly Glu Glu
350      35      40      45
353 Glu Cys Ser Pro Val Leu Arg Glu Gly Leu Gly Ser Leu His Thr Arg
354      50      55      60
357 His His Cys Gln Ile Pro Val Pro Asp Pro Ala Thr His Gly Gln Tyr
358 65      70      75      80

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## RAW SEQUENCE LISTING

DATE: 06/26/2006

PATENT APPLICATION: US/10/582,951

TIME: 13:44:29

Input Set : E:\seqlist.txt

Output Set: N:\CRF4\06262006\J582951.raw

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361 Ile Val Ser Val Gln Pro Arg Arg Ala Glu Lys His Ile Lys Ser Ser
362      85      90      95
365 Val Asn Ile Gln Met Ala Pro Pro Ser Leu Asn Val Thr Lys Asp Gly
366      100      105      110
369 Asp Ser Tyr Ser Leu Arg Trp Glu Thr Met Lys Met Arg Tyr Glu His
370      115      120      125
373 Ile Asp His Thr Phe Glu Ile Gln Tyr Arg Lys Asp Thr Ala Thr Trp
374      130      135      140
377 Lys Asp Ser Lys Thr Glu Thr Leu Gln Asn Ala His Ser Met Ala Leu
378      145      150      155      160
381 Pro Ala Leu Glu Pro Ser Thr Arg Tyr Trp Ala Arg Val Arg Val Arg
382      165      170      175
385 Thr Ser Arg Thr Gly Tyr Asn Gly Ile Trp Ser Glu Trp Ser Glu Ala
386      180      185      190
389 Arg Ser Trp Asp Thr Glu Ser Val
390      195      200
393 <210> SEQ ID NO: 7
394 <211> LENGTH: 200
395 <212> TYPE: PRT
396 <213> ORGANISM: Mus musculus
398 <400> SEQUENCE: 7
400 Gly Asp Lys Ala Gln Pro Gln Asn Leu Gln Cys Phe Phe Asp Gly Ile
401 1      5      10      15
404 Gln Ser Leu His Cys Ser Trp Glu Val Trp Thr Gln Thr Thr Gly Ser
405      20      25      30
408 Val Ser Phe Gly Leu Phe Tyr Arg Pro Ser Pro Val Ala Pro Glu Glu
409      35      40      45
412 Lys Cys Ser Pro Val Val Lys Glu Pro Pro Gly Ala Ser Val Tyr Thr
413      50      55      60
416 Arg Tyr His Cys Ser Leu Pro Val Pro Glu Pro Ser Ala His Ser Gln
417 65      70      75      80
420 Tyr Thr Val Ser Val Lys His Leu Glu Gln Gly Lys Phe Ile Met Ser
421      85      90      95
424 Tyr Asn His Ile Gln Met Glu Pro Pro Thr Leu Asn Leu Thr Lys Asn
425      100      105      110
428 Arg Asp Ser Tyr Ser Leu His Trp Glu Thr Gln Lys Met Ala Tyr Ser
429      115      120      125
432 Phe Ile Glu His Thr Phe Gln Val Gln Tyr Lys Lys Lys Ser Asp Ser
433      130      135      140
436 Trp Glu Asp Ser Lys Thr Glu Asn Leu Asp Arg Ala His Ser Met Asp
437 145      150      155      160
440 Leu Ser Gln Leu Glu Pro Asp Thr Ser Tyr Cys Ala Arg Val Arg Val
441      165      170      175
444 Lys Pro Ile Ser Asn Tyr Asp Gly Ile Trp Ser Lys Trp Ser Glu Glu
445      180      185      190
448 Tyr Thr Trp Lys Thr Asp Trp Val
449      195      200
452 <210> SEQ ID NO: 8
453 <211> LENGTH: 198

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/582,951

DATE: 06/26/2006  
TIME: 13:44:30

Input Set : E:\seqlist.txt  
Output Set: N:\CRF4\06262006\J582951.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:78,84,85,86,87,88

VERIFICATION SUMMARY

DATE: 06/26/2006

PATENT APPLICATION: US/10/582,951

TIME: 13:44:30

Input Set : E:\seqlist.txt

Output Set: N:\CRF4\06262006\J582951.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date